



STATE SCIENCE ADVISOR

The State Science Advisor provides advice and counsel on science and technology issues to the Governor, State legislature and other State agencies. The State Science Advisor helps to facilitate education, workforce and industry issues as they relate to science and technology. The State Science Advisor serves as the director of the Life Science Economic Development Cluster to support the growth of the life science industry in Utah.

Targeted Activities

- Facilitate public and private partnerships that help to create a qualified workforce for all STEM-based industries.
- Identify current and future needs of the life science industry, including investment, strategic partnerships, workforce issues and marketing.
- Promote efforts that increase strategic planning for the State and STEM-based industries.

- Nearly 1,000 young girls participate annually in the Expanding Your Horizons conference.
- Nearly 5,000 students and numerous Utah companies are impacted annually by the STEMLink initiative and its innovative education and training programs.
- Approximately 20 Utah life science companies contacted and supported each month.
- 15 new education and training programs implemented with industry input and support from 2008-2010; all are fully sustained.
- A \$5 million federal grant was leveraged for an additional \$10 million in private/public funds to support industry-driven training programs (STEMLink).



Medal recipient Doug Panee with Governor Gary R. Herbert at the awards dinner.

- Increase awareness of STEM education and employment opportunities; increase access for students to STEM programs, thus providing opportunity for high-tech, high-wage jobs.

Program Outcomes

- Creation of a comprehensive State-level strategic plan for Science, Technology and Innovation.
- STEMLink (formerly WIRED): a State-level partnership resulting in the implementation of innovative, industry-driven education and training programs.
- Implementation of outreach activities such as Expanding Your Horizons, the Great Salt Lake Institute and the rural program, SET.
- Direct engagement of Utah life science companies via personal visits and representation at national trade shows.
- Leveraging federal grant resources to increase public and private investment in education and training programs.